

REMARKS

This Amendment is in response to the outstanding Official Action mailed December 15, 2006, the shortened statutory period for filing a response being set to expire on March 15, 2006. Reconsideration of the Examiner's rejection is respectfully requested.

Applicants hereby confirm the election of the Group II invention directed to claims 13-27 for examination. Applicants have cancelled within this amendment the non-elected claims 1-12. Applicants reserve the right to file a divisional application with respect to the withdrawn claims seeking patent protection thereon.

The Examiner has rejected Applicants' claims on the ground of non-statutory obviousness-double patenting over claims 30-58 of U.S. Patent No. 6,685,678. Applicants submit herewith a Terminal Disclaimer signed by the undersigned thereby overcoming the Examiner's rejection.

The Examiner has rejected Applicants claims 13, 21 and 25 under 35 U.S.C. § 112. The Examiner states there is insufficient antecedent basis for the limitation of "a detector" in lines 1-3 of the aforementioned claims. The Examiner opines that according to the drawings and the specification, there are two detectors referenced by numerals 160 and 162 as shown in Figs. 8, 11, and 12, and as described in the specification in paragraphs [0069] and [0071]. In view of the below comments, the Examiner's rejection is considered traverse and should therefore be withdrawn.

It is pointed out to the Examiner that Applicants are not claiming "a detector" as stated by the Examiner, but rather, a "detector module." Thus, the term "detector module" encompasses one or more detectors which are adapted for practicing the claimed invention. The detector module 152 is

described in paragraph [0064]. This explanation is believed to overcome the Examiner's rejection.

Applicant has submitted newly proposed dependent claims 28-30 to clarify Applicant's claimed detector module by means of claim differentiation. Accordingly, the Examiner's rejection is considered traversed and should therefore be withdrawn.

As it is believed that all of the rejections set forth in the Official Action have been fully met, favorable reconsideration and allowance are earnestly solicited.

If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that she telephone Applicants' attorney at (908) 654-5000 in order to overcome any additional objections which she might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

Dated: February 16, 2006

Respectfully submitted,

By 

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